

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for navigating user interface elements, the method comprising:

grouping user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups; and detecting a user navigation input key press of comprising a sibling navigation input key or a parent navigation input, the sibling navigation input comprising having a first group identifier key press, and [[a]] the parent navigation input key comprising having a second group identifier key press; and if the detected navigation input key is the sibling navigation input key, shifting input focus to a next sibling group in the hierarchy[[.]]; and if the detected navigation input key is the parent navigation input key, shifting input focus to a parent group in the hierarchy.

2. (Currently Amended) The method of claim 1, further comprising:

creating one or more hierarchical tab chains to contain all user interface controls elements currently displayed by the application, wherein a node in a tab chain hierarchy is a container comprising one or more user interface elements and the container comprises a tab chain that contains all the user interface elements in the container each user interface control is contained in a container, all user

~~interface controls are arranged in a tab chain hierarchy according to an arrangement of the containers that contain the controls, each container is represented as a node in the tab chain hierarchy, and a separate tab chain is created for each container.~~

3. (Currently Amended) The method of claim 2, wherein:

creating a new view creates a view container with a hierarchical tab chain that contains all the user interface elements controls for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.

4. (Currently Amended) A ~~computer implemented~~ computer-implemented method for navigating editable cells of a table, the method comprising:

detecting a user navigation input key press ~~of~~ comprising a forward navigation input or a backward navigation input, the forward navigation input comprising key having a first group identifier key press ~~or~~ and [[a]] the backward navigation input comprising key having a second group identifier key press;

if the detected user navigation input key is the forward navigation input key, shifting input focus to a next editable cell of the table; and

if the detected user navigation input key is the backward navigation input key, shifting input focus to a previous editable cell of the table.

5. (Original) The method of claim 4, further comprising:

switching the editable cell to the edit mode, if a switch-cell-mode key is pressed while an editable cell currently having input focus is not in an edit mode;
wherein user input modifies content of the editable cell, if the editable cell is in the edit mode.

6. (Original) The method of claim 5, further comprising:

switching the editable cell to a focus mode, in which the content of the editable cell cannot be modified, if a switch-cell-mode key is pressed while the editable cell currently having input focus is in the edit mode.

7. (Currently Amended) A computer program product tangibly embodied in a computer-readable storage medium, comprising instructions operable to cause a data processing apparatus to:

group user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups; and

detect a user navigation input key press of comprising a sibling navigation input key or a parent navigation input, the sibling navigation input comprising having a first group identifier key press, and [[a]] the parent navigation input key comprising having a second group identifier key press; and

if the detected navigation input key is the sibling navigation input key, shifting input focus to a next sibling group in the hierarchy[[,]]; and

if the detected navigation input key is the parent navigation input key,
shifting input focus to a parent group in the hierarchy.

8. (Currently Amended) The product of claim 7, further comprising instructions to:

create one or more hierarchical tab chains to contain all user interface
~~controls~~ elements currently displayed by the application,
wherein a node in a tab chain hierarchy is a container comprising one or
more user interface elements and the container comprises a tab
chain that contains all the user interface elements in the container
~~each user interface control is contained in a container, all user~~
~~interface controls are arranged in a tab chain hierarchy according to~~
~~an arrangement of the containers that contain the controls, each~~
~~container is represented as a node in the tab chain hierarchy, and a~~
~~separate tab chain is created for each container.~~
9. (Currently Amended) The product of claim 8, wherein:

creating a new view for the application creates a view container with a
hierarchical tab chain that contains all the user interface elements
~~controls~~ for the new view; and
the hierarchical tab chain for the new view is added to the existing tab
chain by adding a new node for the new view container in the
existing hierarchical tab chain.
10. (Currently Amended) A computer program product tangibly embodied in a
computer-readable storage medium, for navigating editable cells of a table, the
product comprising instructions operable to cause a data processing apparatus
to:

detect a user navigation input key press of comprising a forward navigation input or a backward navigation input, the forward navigation input comprising key having a first group identifier key press or and a backward navigation input comprising key having a second group identifier key press;

if the detected user navigation input key is the forward navigation input key, shifting input focus to a next editable cell of the table; and

if the detected user navigation input key is the backward navigation input key, shifting input focus to a previous editable cell of the table.

11. (Currently Amended) The method computer program product of claim 10, further comprising instructions to:

switch the editable cell to the edit mode if a switch-cell-mode key is pressed while an editable cell currently having input focus is not in an edit mode;

wherein user input modifies content of the editable cell, if the editable cell is in the edit mode.

12. (Currently Amended) The method computer program product of claim 11, further comprising instructions to:

switch the editable cell to a focus mode, in which the content of the editable cell cannot be modified, if a switch-cell-mode key is pressed while the editable cell currently having input focus is in the edit mode.

13. (Currently Amended) A system comprising:

means for grouping user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups; and means for detecting a user navigation input key press of comprising a sibling navigation input key or a parent navigation input, a sibling navigation input comprising having a first group identifier key press, and a parent navigation input key comprising having a second group identifier key press; and if the detected navigation input key is the sibling navigation input key, shift shifting input focus to a next sibling group in the hierarchy[[,]]; and if the detected navigation input key is the parent navigation input key, shift shifting input focus to a parent group in the hierarchy.

14. (Currently Amended) The system of claim 13, further comprising:

means for creating one or more hierarchical tab chains to contain all user interface ~~controls elements~~ currently displayed by the application, wherein a node in a tab chain hierarchy is a container comprising one or more user interface elements and the container comprises a tab chain that contains all the user interface elements in the container each user interface control is contained in a container, all user interface controls are arranged in a tab chain hierarchy according to an arrangement of the containers that contain the controls, each container is represented as a node in the tab chain hierarchy, and a separate tab chain is created for each container.

15. (Currently Amended) The system of claim 14, wherein:

creating a new view creates a view container with a hierarchical tab chain
that contains all the user interface elements controls for the new
view; and

the hierarchical tab chain for the new view is added to the existing tab
chain by adding a new node for the new view container in the
existing hierarchical tab chain.